

~~SECRET~~~~CONFIDENTIALITY~~

#69775

1

281314Z APR 70
 FM NPIC WASHDC
 TO RHOAAA/SAC OFFUTT AFB OMAHA NEBR
 RHOAAA/544TH ARTW OFFUTT AFB OMAHA NEB
 RUCILBA/100TH SRW OL 19 MCCOY AFB FLA
 RUVRRRIA/WRAMA/WRNWA WARNER ROBBINS AFB, GA
 RUWMODA/100TH SRW DAVIS MONTHAN AFB ARIZ
 RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ
 RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD
 RUEAIIA/CIA WASH DC
 RUEKJCS/DIA
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF
 RUEFHQA/HQS USAF
 BT

S E C R E T CITE NPIC 8413.
 SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRW DAVIS MONTHAN AFB
 FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1;
 HQ USAF FOR AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

SUBJECT: EVAL OF OH MSN G-118

1. IMAGE QUALITY: OVERALL IMAGE QUALITY RANGES FROM POOR TO GOOD. OFFICE FILE

DISTRIBUTION	
GOOD	OFFICE FILE
2	CABLE SEC.
	PP&B/RD
	SECUR.
	TSSG 1030
	ESG/OC
	RRD
	REPRO
	AID
	IEG
	IEG/OD
	SCIENCE
	WEST
	EAST
	M&S
	IEG/PHD
	IAS
	DIA-XX4
	SPAD
	DIA-AP
	25X1
	CMX
	END.

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GOOD IMAGE QUALITY IS COMPARABLE TO RECENT MSNS USING FILM TYPE 544. IMAGE QUALITY VARIATION BETWEEN FWD AND AFT FRS IS APPARENT AND PROBABLY RESULT OF THERMAL GRADIENTS WITHIN CAM BAY. IMAGE MOTION TO VEHICLE VIBRATION IS APPARENT ON BOTH FWD AND AFT FRS. INSTANCES OF SCAN DIRECTION IMAGE SMEAR WERE NOTED. INTERP SUIT RANGES FROM POOR TO GOOD. PI'S NOTED SEVERAL INSTANCES WHERE TGTS WERE MISSED ENTIRELY OR BADLY DEGRADED DUE TO PROG TURNS WHILE OVER TGT AREA CLOUDS OBSCURE APPROX 20 PCT OF ENTIRE MSN.

2. MSN DATA:

- A. G-119, 22 APR 70
- B. I-2, 8011
- C. A/C: 330
- D. STEREO
- E. T/O: 1100Z, C/ON: 1308Z
- F. 3404
- G. MX819-1, NRTSC
- H. AVG GAMMA: 1.73
- I. SLIT: 0.085 IN

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: UNDEREXPOSED AT BEGINNING TO ADEQUATE AT

ADVANCE CO
SANITIZED
WITH TEX

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B. DENSITY AND CONTRAST: MED.
 C. IMAGE DEGRADATIONS: CAPPING SHUTTER FAILED TO CLOSE ON FR 222 RESULTING IN A 6 IN EXTENSION OF FORMAT AT SUPPLY END OF FR. EXTENDED FORMAT OVERLAPS DATA CHAMBER AREA AND PT OF FR 223. ALL OTHER DEGRADATIONS ARE MINOR AND CONSIDERED CHARACTERISTIC OF UNIT 8011.

D. PHYSICAL DEGRADATIONS: FILM SEPARATED AT FR 951 WHILE IN PROCESSOR. AS A RESULT, FRS 944 THRU 967 CONTAIN PHYSICAL DAMAGE AND STAINS. FRS 965 AND 967 WERE IN DEVELOPER AND WERE GROSSLY OVER-DEVELOPED, RENDERING THEM UNUSABLE. DEGRADATION TO ALL OTHER IMAGERY IS MODERATE. THREE HEAT AND THREE ULTRASONIC SPLICES WERE NOTED.

- E. DATA RECORDING EQUIP: FUNCTIONED PROPERLY.
- F. OTHER: LAST TITLED FR IS 1287, EQUALS COUNTER 1292.

4. POSITIVES: PRINTING AND PROCESSING ARE GOOD.

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MESSAGE

GP-1